

Section J Appendix F

List of applicable Laws, Regulations, and DOE Directives.

This appendix serves to place the DOE/NV complex-wide Work Smart Standards (WSS) in perspective for application on the contract. The WSS are included in the contract by reference to the WSS, including additional lists of DOE Directives for certain work, as maintain on the DOE/NV Internet <http://www.nv.doe.gov> and Intranet Home Pages, [http:// nvhome](http://nvhome). The WSS includes two additional List of DOE directives applicable to certain categories of work discussed further below and one facility, the Device Assembly Facility, wherein some exempt activities are conducted..

For most activities, the WSS were initially developed with the participation of involved contractors including Bechtel Nevada, Inc., DOE/NV, and other contractors; using the DOE approved Necessary and Sufficient Closure Process. Some work activities were exempt from the initial DOE/NV implementation of the Necessary and Sufficient Closure Process.

To address the categories of activities exempt from the DOE/NV Necessary and Sufficient Closure Process, a list is included with WSS to identify the DOE Directives applicable to exempt work. The categories of activities which were not included in the initial Necessary and Sufficient Closure Process are as follows:

- Nuclear Device Assembly/Disassembly
- Energetic Experiments with Special Nuclear Materials (SNM)
- Nuclear Explosive Safety
- Safeguards and Security of SNM
- Classification of Information
- National emergency Response Assets.

A second list, a facility specific list of DOE Directives was also established to serve as the basis of requirements for the Device Assembly Facility. This list of DOE Directives is also maintained on the DOE/NV Home Pages with WSS.

DOE/NV has established a Work Smart Standards Change Review Group (CRG) to disposition changes to WSS and the additional lists of DOE Directives for exempt work categories.. Contractors serve as members of the CRG to participate with DOE/NV to disposition changes to WSS and the two additional lists of Directives. DEAR Clause 970.5204-78 provides notification requirements on DOE and assessment of impact requirements on the contractor regarding changes to DOE Directives. By agreeing to the contract, DOE/NV and the contractor intended to meet their obligations (notifications/impact assessments) in this regard by CRG representative participation, on a consensus basis. CRG recommendations for changes will equally apply to the Contracting Officer and the contractor. Therefore, changes to WSS are hereby agreed by the parties to this contract to be applicable when such change recommendations are approval by the

CRG Chairman and posted on the DOE/NV Home Pages.

If change conditions warrant significant schedule relief or cost considerations, they will be addressed by the CRG and included in Implementation Considerations, on the Format 1 posted on the DOE/NV Home Page. Appropriate budget and schedule planning will accommodate the changes as agreed with respect to financial and performance obligations under other provisions of this contract.

List B.2) identifies "DOE Directives applicable to Activities Not Included in the Necessary and Sufficient Process. The following activities were not included in the Necessary and Sufficient Closure Process:

- Nuclear Device Assembly/Disassembly
- Energetic Experiments (with Special Nuclear Material)
- Nuclear Explosive Safety
- Safeguards and Security for Special Nuclear Material
- Classification of Information
- National Emergency Response Assets

List B.3) identifies "DOE Directives Applicable to the Device Assembly Facility". And List B.4) identifies "DOE Directives applicable to Life Cycle Asset Management until Implementation Plan Developed" and addresses the applicability of orders canceled by the DOE Order 430.1.

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Lists of Applicable Laws, Regulations, and DOE Directives

List B. DOE Directives and Other documents (continued)

B.2) DOE Directives Applicable to Activities Not Included in the Necessary and Sufficient Process:

<u>DOE DIRECTIVE</u>	<u>TITLE</u>
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M471.2-1	Manual for Classified Material Protection
M5632.1	Manual for protection and Control of Safeguards and Security Interests
M5639.6	Manual of Security Requirements for the Classified Automated Information System Security Program
O151.1, CRD ¹	Comprehensive Emergency Management System
O210.1	Performance Indicators and Analysis of Operations Information
O251.1, CRD	Directives System
O425.1	Startup and Restart of Nuclear Facilities
O452.1	Nuclear Explosive and Weapons Surety
O452.2	Safety of Nuclear Explosive Operations
O470.1	Safeguards and Security Program
O471.1, CRD	Identification and Protection of Unclassified Controlled Nuclear Information
O471.2, CRD	Information Security Program
O472.1	Personnel Security Activities
5300.2	Telecommunications: Emission Security (TEMPEST)
5300.3	Telecommunications: Communications Security
5300.4	Telecommunications: Protected Distribution Systems
5400.5	Radiation Protection of the Public and the Environment
5480.19	Conduct of Operations
5480.21	Unreviewed Safety Questions
5480.22	Technical Safety Requirements
5480.23	Nuclear Safety Analysis Reports
5480.24	Nuclear Criticality Safety
54XF.1	Characterization of Event Site
5530.1	Accident Response Group
5530.2	Nuclear Emergency Search Team
5530.3	Radiological Assistance Program
5530.4	Aerial Measuring System
5530.5	Federal Radiological Monitoring Assessment Center
5610.2	Control of Weapon Data

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List B. DOE Directives and Other documents (continued)

B.2) DOE Directives Applicable to Activities Not Included in the Necessary and Sufficient Process (continued)

<u>DOE DIRECTIVE</u>	<u>TITLE</u>
5631.2, Chapt1 - 9	Personnel Security Programs
5632.1	Protection and Control of Safeguards and Security Interests
5632.7	Protective Force Program
5633.3	Control and Accountability of Nuclear Materials
5639.8	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities
5670.1	Management and Control of Foreign Intelligence
5670.3	Counterintelligence Program
56XE.1	Underground Nuclear Testing
56XF.1	Testing Readiness Assessments

¹ Contractor Requirements Document (CRD)

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List B. DOE Directives and Other documents (continued)

B.3) Doe Directives Applicable to the Device Assembly Facility

<u>DOE DIRECTIVE</u>	<u>TITLE</u>
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1300.2*	DOE Technical Standards Program
1360.2*	Unclassified Computer Security Program
1540.2*	Hazardous Material Packaging for Transport - Administrative Procedures
4330.4*	Maintenance Management Program
4700.1*	Project Management System
5000.3*	Occurrence Reporting
5400.1*	General Environmental Protection Program
5400.5*	Radiation Protection of the Public and the Environment
5480.3*	Safety Requirements for the Packaging and Transportation of Hazardous Materials, Hazardous Substances and Hazardous Wastes
5480.4*	Environmental Protection, Safety and Health Protection Standards
5480.7*	Fire Protection
5480.8*	Contractor Occupational Medical Program
5480.10*	Contractor Industrial Hygiene Program
5480.11*	Radiation Protection for Occupational Workers
5480.15*	Department of Energy Laboratory Accreditation Program for Personnel Dosimetry
5480.16*	Firearms Safety
5480.19*	Conduct of Operations Requirements for DOE Facilities
5480.20*	Personnel Selection, Qualification, Training, and Staffing Requirements at DOE Reactor and Nonreactor Nuclear Facilities
5480.21*	Unreviewed Safety Questions
5480.22*	Technical Safety Requirements
5480.23*	Nuclear Safety Analysis Reports
5480.24*	Nuclear Criticality Safety
5480.26*	Trending and Analysis of Operations Information Using Performance Indicators
5480.28*	Natural Phenomena Hazards Mitigation
5480.29*	Employee Concerns Management System
5480.31*	Startup and Restart of Nuclear Facilities
5481.1*	Safety Analysis and Review System

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List B. DOE Directives and Other documents (continued)

B.3) DOE Directives Applicable to the Device Assembly Facility (continued)

<u>DOE DIRECTIVE</u>	<u>TITLE</u>
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5482.1*	Environment, Safety and Health Appraisal Program
5483.1*	Occupational Safety and Health Program for DOE Contractor Employees at Government-Owned Contractor-Operated Facilities
5484.1*	Environmental Protection, Safety and Health Protection Information Reporting Requirements
5500.2*	Emergency Categories, Classes, and Notification and Reporting Requirements
5500.3*	Planning and Preparedness for Operational
5500.10*	Emergency Readiness Assurance Program
5610.2*	Control of Weapon Data
5610.10*	Nuclear Explosive and Weapon Safety Program
5610.11*	Nuclear Explosives Safety
5700.6*	Quality Assurance
5820.2*	Radioactive Waste Management
6430.1*	General Design Criteria

* Indicates that the order contains specific requirements identified as applicable to the Device Assembly Facility (DAF), Area 6, in the Facility Specific Order Compliance Self-Assessment conducted for the Operations Readiness Review (ORR). Upon successful completion of the DAF ORR, the orders may be replaced by the site-wide program as defined by the Necessary and Sufficient Standards and List A, unless noted otherwise.

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List B. DOE Directives and Other documents (continued)

B. 4) Doe Directives Applicable to Live Cycle Asset Management until Implementation Plan Developed:

<u>DIRECTIVE</u>	<u>TITLE</u>
1332.1	Uniform Reporting System
4010.1	Value Engineering
4320.1	Site Development Planning
4320.2	Capital Asset Management Process
4330.5	Surplus Facility Transfer
4700.1*	Project Management System
4700.3	General Plant Projects
4700.4	Project Manager Certification
5700.2	Cost Estimating, Analysis, and Standardization

NOTES:

1. * indicates the order contains specific requirements identified as applicable to the BN Contract at the Device Assembly Facility (DAF), Area 6, in the Facility Specific Order Compliance Self-Assessment conducted for the Operations Readiness Review (ORR). Upon completion of the DAF ORR, the Order will be replaced by the site wide program as defined by the Work Smart Standards (WSSs).
2. For DOE Orders 4300.1, Real Property Management, 4330.4 Maintenance Management Program, 4540.1, Utility Acquisition and Management, and 6430.1, General Design Criteria, covered by DOE Order 430.1, LCAM, The Work Smart Standards (elsewhere identified in section J, Appendix A) are considered replacements and supersedes those orders. Should these orders be referenced in orders which remain, the Work Smart Standards shall supersede the reference.

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List B. DOE Directives and Other documents (continued)

B. 4) Doe Directives Applicable to Live Cycle Asset Management until Implementation Plan Developed: (continued)

DOE Order 4330.5 Surplus Facility Transfer, and DOE Order 4700.4 Project Manager Certification are instructions to the Department of Energy, but not to the Contractor, and as such are not included in the Contract. Forthcoming DOE guidance on project management may address these areas.

The remaining DOE Orders, covered under 430.1 LCAM (1332.1 Uniform reporting System, 4010.1 Value Engineering, 4320.1 Site Development Planning, 4320.2 Capital Asset Management Process, 4700.1 Project Management System, 4700.3 General Plant Projects, and 5700.2 Cost Estimating), will remain applicable to the Contract work until such time as DOE notifies the Contractor, in writing, that they no longer apply.

3. In addition, DOE Order 4330.4 and 6430.1 will remain in effect for DAF a facility under the purview of the Defense Nuclear Facility Safety Board, until 10 CFR 830.340, MAINTENANCE MANAGEMENT, and DOE Order 420.1, FACILITY SAFETY (issued 11-16-95), are both issued as final by the Assistant Secretary for Environment, Safety, and Health, DOE, and implemented by the Contractor.